

Title (en)
PROCESS FOR FLOCCULATING SUSPENSIONS

Title (de)
VERFAHREN ZUR AUFFLOCKUNG VON SUSPENSIONEN

Title (fr)
PROCEDE DE FLOCCULATION DE SUSPENSIONS

Publication
EP 1206415 B1 20040506 (EN)

Application
EP 00953008 A 20000705

Priority
• EP 0006292 W 20000705
• GB 9916748 A 19990719

Abstract (en)
[origin: WO0105712A1] A process of flocculating and dewatering an aqueous suspension of suspended solids comprising, introducing into the suspension, (a) a concentrated polymer solution and, (b) a dilute polymer solution, characterised in that the concentrated and dilute polymer solutions are introduced into the substrate substantially simultaneously. Preferably the concentrated and dilute polymer solutions are introduced into the suspension as an aqueous composition comprising a dilute aqueous solution of polymer and a concentrated solution of polymer. The process brings about improvements in filtration and cake solids.

IPC 1-7
C02F 1/56

IPC 8 full level
C02F 1/56 (2006.01); **B01D 21/01** (2006.01); **C02F 11/121** (2019.01); **C02F 11/147** (2019.01)

CPC (source: EP US)
C02F 1/56 (2013.01 - EP US); **Y10S 210/928** (2013.01 - EP US); **Y10S 422/901** (2013.01 - EP US); **Y10S 524/922** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0105712 A1 20010125; AT E265989 T1 20040515; AU 6561400 A 20010205; AU 765970 B2 20031009; BR 0012619 A 20020409; BR 0012619 B1 20130611; CA 2378718 A1 20010125; CA 2378718 C 20080909; CN 1268554 C 20060809; CN 1361752 A 20020731; CZ 2002149 A3 20020911; DE 60010475 D1 20040609; DE 60010475 T2 20050414; DK 1206415 T3 20040809; EP 1206415 A1 20020522; EP 1206415 B1 20040506; ES 2219375 T3 20041201; GB 9916748 D0 19990915; HU 229093 B1 20130729; HU P0201895 A2 20020928; HU P0201895 A3 20030828; JP 2003505224 A 20030212; KR 20020014833 A 20020225; MX PA02000656 A 20020702; MY 126990 A 20061130; NO 20020241 D0 20020116; NO 20020241 L 20020306; NO 323141 B1 20070108; NZ 516631 A 20040227; PL 353594 A1 20031201; PT 1206415 E 20040831; SK 502002 A3 20030304; TW 539653 B 20030701; US 6805803 B1 20041019; ZA 200200383 B 20030326

DOCDB simple family (application)
EP 0006292 W 20000705; AT 00953008 T 20000705; AU 6561400 A 20000705; BR 0012619 A 20000705; CA 2378718 A 20000705; CN 00810521 A 20000705; CZ 2002149 A 20000705; DE 60010475 T 20000705; DK 00953008 T 20000705; EP 00953008 A 20000705; ES 00953008 T 20000705; GB 9916748 A 19990719; HU P0201895 A 20000705; JP 2001511375 A 20000705; KR 20027000785 A 20020119; MX PA02000656 A 20000705; MY PI20003195 A 20000712; NO 20020241 A 20020116; NZ 51663100 A 20000705; PL 35359400 A 20000705; PT 00953008 T 20000705; SK 502002 A 20000705; TW 89111243 A 20000609; US 3053502 A 20020109; ZA 200200383 A 20020116